

# Josh Obersteadt

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JavaScript | Node.JS | React.JS | Python | Flask | Django | Java | SQL

## Personal Summary

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Graceland University honors student dual majoring in Computer Science and Data Science. Member of the Ackerley Scholars Honors Program, participate in hackathons, coding competitions and present a yearlong project every year and Graceland's baseball player. Built web and mobile apps and looking to expand my knowledge base and gain real experience.

## EDUCATION

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### Bachelor of Computer Science and Data Science Degree, Graceland University May, 2026 3.80 GPA

- Receiving honor roll every semester I have learned a variety of skills through my classes including optimizing programs, object-oriented programming, database concepts, and programming in SQL, Python, and Java.

### IBM FULL STACK SOFTWARE DEVELOPER PROFESSIONAL CERTIFICATE, Coursera December, 2023

- Earning this certification demonstrates proficiency in a diverse range of programming concepts, encompassing the development of full-stack websites using either Django or Flask.
- It involves expertise in containerization and database management, as well as the creation of full stack programs.

## PROFESSIONAL EXPERIENCE HIGHLIGHTS

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### Data Science Intern, SkillPath June 2024 - August 2024

- Optimized future course scheduling to maximize profits using historical trends.
- Developed reports showcasing previously hidden analytics on different courses.
- Generated in-depth reports providing detailed measures to be taken to improve profits generated based on trends in historical data.

### SOFTWARE ENGINEER INTERN, GRACELAND UNIVERSITY

May 2023 - May 2024

- Developed and deployed a dynamic site and mobile app that generated content based on a database that was fed from multiple sites using API calls.
- Gathered user statistics from a variety of online library resources into a centralized database. Then deployed a dynamic page that generated easy to understand infographics and statistics.
- Trained a machine learning script to predict the major academic of the university student accessing that resource based off the title.

### IT STUDENT WORKER, GRACELAND UNIVERSITY

December 2022- January 2023

- Assisted in updating legacy code.
- Assisted in maintaining and repairing devices.
- Provided in-depth expertise to assist in technical malfunctions.

## Projects and Extracurriculars

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**University Social Media Site - JavaScript:** Developed a social media platform that acted as a student portal allowing users to create a specialized feed by following the accounts of different organizations on campus.

**Automatic Content Creator- Python:** Automated the creation of a specific type of content called Reddit Stories using a variety of tools including API calls, docker set up and the use of multiple Python libraries.

**News Reads Mobile- Java:** Made accessing news stories more accessible by generating MP3 stories from a variety of news sites using web scraping and android's built-in text to speech software then storing on the mobile device.